

CHEVONCHEV - 1.33

by Henk Prins, June 2018.

Angles for R.I. = 1.810

53 facets

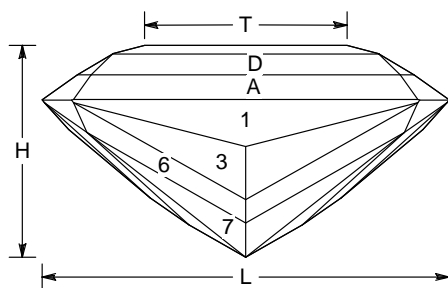
2-fold, mirror-image symmetry

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$L/W = 1.333$ $T/W = 0.664$ $U/W = 0.401$

$H/W = 0.693$

$Vol./W^3 = 0.400$



PREFORM

P1	29.60°	12-36-60-84	Cut to TCP
P2	32.28°	24-72	Cut to TCP
P3	40.00°	96-48	Cut to TCP
P4	90.00°	96-48	Establish size
P5	90.00°	12-36-60-84	Level temp girdle
P6	90.00°	24-72	Level

PAVILION

1	56.00°	96-48	Establish new girdle
2	48.09°	24-72	Level girdle
3	47.09°	01-47-49-95	Meet 2-4 at girdle
4	42.77°	12-36-60-84	Level girdle
5	40.00°	23-25-71-73	Meet 2-3 at girdle
6	41.10°	03-45-51-93	Meet 2-4-5 at girdle
7	38.75°	04-44-52-92	Meet 6-2-7-8 & PCP
8	35.48°	20-28-68-76	Meet 2-3-4 at girdle
9	32.63°	17-31-65-79	Meet 6-2-7

CROWN

A	38.35°	96-48	Establish girdle width
B	35.52°	24-72	Level girdler
C	35.55°	12-36-60-84	Level girdle
D	33.40°	96-48	Cut A to size
E	30.75°	24-72	Level
F	29.05°	12-36-60-84	Level
G	16.58°	96-48	Meet D-F-G
H	15.04°	24-72	Level
I	0.00°	Table	Cut to size

C:\Users\henks\Dropbox\Gemology on line\New folder (3)\Chevonchev 133.gem